

Serial No. 10/023,184
Docket No. 21398-PA-DIV

Claims 1-5 (previously cancelled).

in combination with a device.

6. (currently amended). An electrostatic device for producing ozone through corona discharge comprising, at least one metallic sharp-tipped component mounted on a metallic surface which in turn is mounted on an insulator, ~~and wherein the electrostatic device can be used in a path of negatively charged fly ash and wherein said electrostatic device is mounted in a negatively charged fly ash stream~~ to produce ozone.

7. (currently amended). The electrostatic device of claim 6 wherein the metallic surface is cylindrical and the metal-tipped component surrounds ~~components surround~~ the cylindrical surface.

8. (original). The electrostatic device of claim 6 wherein the metallic sharp-tipped component is a spike coming to a sharp point or a wire coming to a sharp point.

9. (original). The electrostatic device of claim 6 disposed in a pipe receiving a stream of negatively charged fly ash and wherein a baffle has been placed up-stream of the electrostatic device to prevent fly ash abrasion of the metal components of electrostatic device.

10. (currently amended). In combination an electrostatic device used in the production of ozone comprising a metal surface having at least one metallic sharp-tipped component on the surface thereof mounted in a non-metallic pipe carrying a fly ash stream and used in said pipe to produce ozone through corona discharge.

11. (currently amended). In a device through which charged particles of fly ash with unacceptably high levels of carbon can flow comprising a channel containing therein a metal plate having a flat surface with at least one metal spike on said flat surface capable of producing ozone

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through corona discharge ~~when and whercin~~ negatively charged fly ash particles with carbon impinge said metal spike on the flat surface of the metal plate.

12. (original). In the device of claim 11 wherein the metal plate is supported on an insulated base so that the metal plate, having at least one spike thereon, can be placed in a pipe and such that negatively charged carbon containing fly ash particles impinge the plate, creating a corona discharge producing ozone which will contact and pacify the carbon containing fly ash.

13. (currently amended). In a device through which negatively charged particles of fly ash with unacceptably high levels of carbon ~~can~~ flow comprising a channel containing therein a metal plate with a flat surface having affixed on said flat surface a series of wires or spikes capable of producing ozone through corona discharge when said negatively charged particles impact said series of wires or spikes.